

ABSTRACT

A luminescence device having a layer containing a metal coordination compound which has a partial structure ML_{m} of formula (2) below and is preferably entirely represented by formula (3) below:

 $ML_mL'_n$ (3),

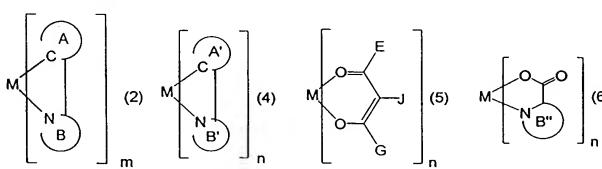
wherein M denotes a metal atom of Ir, Pt, Rh or Pd; represent mutually different bidentate ligands; m is 1 or 2 or 3; n is 0 or 1 or 2 with the proviso that m+n = 2 or 3; the partial structure ML_m is represented by formula (2) below (wherein B is an isoquinolyl group bonded to the metal M with its N and including a position-1 carbon atom bonded to a cyclic group A which includes the C bonded to the metal M), and the partial structure ML'_n is represented by formula (4), (5) or (6) shown below. There is provided a luminescence device capable of high-efficiency luminescence and long-term high luminance and adapted to red luminescence.

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